

ABSTRACT

An ink-jet head control circuit is provided that includes a latch circuit which respectively stores a first data block and a second data block following the first data block, for ink liquid drop discharge, and a data determination unit which calculates a state transition data block based on the stored first and second data blocks. If the first data block is the same as the second data block, the data determination unit outputs a state transition data block having a first value (Low), and if the first data block is different from the second data block, the data determination unit outputs a state transition data block having a second value (High).